

Generating SSL Certificates to Be Used for Secure Web Access

You can set up secure web access for an EX Series switch. To enable secure Web access, you must generate a digital Secure Sockets Layer (SSL) certificate and then enable HTTPS access on the switch.

To generate an SSL certificate:

1. Enter the following `openssl` command in your SSH command-line interface on a BSD or Linux system on which `openssl` is installed. The `openssl` command generates a self-signed SSL certificate in the privacy-enhanced mail (PEM) format. It writes the certificate and an unencrypted 1024-bit RSA private key to the specified file.

```
% openssl req -x509 -nodes -newkey rsa:1024 -keyout filename.pem -out filename.pem
```

where *filename* is the name of a file in which you want the SSL certificate to be written—for example, `new`.

2. When prompted, type the appropriate information in the identification form. For example, type `US` for the country name.
3. Display the contents of the file that you created.

```
cat new.pem
```



NOTE: When you are ready to install the SSL certificate, copy the file containing the certificate from the BSD or Linux system to the switch. Open the file and copy its contents so that you can paste it into the Certificate box on the J-Web Secure Access Configuration page.

Related Topics

- [Configuring Management Access for the EX Series Switch \(J-Web Procedure\)](#)
- [Security Features for EX Series Switches Overview](#)

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